



DYM00-005

Application no. 09/496,364  
2612  
FEB 20 2004  
TO  
PATENT & TRADEMARK OFFICEFebruary 18, 2004  
#8  
B2020/04

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn: Art Unit 2612 - Examiner Henn, Timothy J.

FROM: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

RECEIVED

FEB 26 2004

Technology Center 2600

SUBJECT: Serial #: 09/496,364  
File Date: Feb. 2, 2000  
Inventor: Sarit Neter  
Examiner: Henn, Timothy J.  
Art Unit: 2612  
Title: Method and Apparatus for Controlling Pixel Sensor Elements

## RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

This is in response to the Restriction Requirement in the Office Action dated Dec. 17, 2003. In that office action, restriction was required to one of the following Inventions under

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents P.O. Box 1450, Alexandria, VA 22313-1450 on Feb. 17, 2004.

Signature   
Stephen B. Ackerman, Reg. No. 37,761

Date: Feb. 17, 2004

09496364  
02/25/2004 RHEBRAHT 000000107 199033  
01 FC:1251 110.00 DA

35 U.S.C. 121:

The inventions stated are:

I - Claims 1-33, drawn to a pixel sensor readout and processing, classified in class 348, subclass 294, and

II - Claims 34 and 35, drawn to a pixel sensor with bad pixel correction, classified in class 348, subclass 241.

Applicant provisionally elects to be examined the Invention described by the Examiner as Group I - Claims 1-33, drawn to a process classified in Class 348, subclass 294. This election is made with traverse of the requirement under 37 C.F.R. 1.143 for the reasons given in the following paragraphs.

The Examiner is respectfully requested to reconsider the Requirement for Restriction in the Office Action.

The Examiner states that Inventions I and II are related as combination and subcombination, and gives as the reasons for distinctness that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations. (M.P.E.P. □ 806.05(c)). However, upon reading the Invention II Claims against the Claims of Invention

I, it can be seen that Invention II is drawn to "a pixel sensor element control system", while Invention I is drawn to "a flexible pixel sensor element control system". As such, the field of search must necessarily cover both the Group I class/subclass 348/294 and the Group II class/subclass 348/241, in addition to other related Classes and subclasses to provide a complete and adequate search. The fields of search for the Group I and Group II inventions are clearly and necessarily co-extensive. The Examiner's suggestion that "the combination as claimed does not require the particulars of the subcombination as claimed because invention I has separate utility as an image sensor which does not include the particular listed in invention II, such as correcting defective pixels" is speculative and has nothing to do with the Claims as presented in this patent application.

Further, it is respectfully suggested that these reasons are insufficient to place the additional cost of additional Patent Applications upon the Applicants. Therefore, it is respectfully requested that the Examiner withdraw this restriction requirement for these reasons.

Upon election of claims 1-33, applicant was required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable, and that currently Claims 1, 2, 4, 6, 10, 11, 13, 15, 17, 19, 20, 21, 22 and 32 are generic.

The species stated are:

Figure 4, which reads on Claims 1-21 and 23-33, and

Figure 8, which reads on Claims 1-33, and

Figure 13, which reads on Claims 1-21 and 23-33, and

Figure 15, which reads on Claims 1-33, and

Figure 19, which reads on Claims 1-33, and

Figures 20 and 22, which read on Claims 1-33, and

Figure 24, which reads on Claims 1-21, 23-33 and 34-35.

Applicant provisionally elects to be examined the species described by the Examiner as Figure 4, which reads on Claims 1-21 and 23-33. This election is made with traverse of the requirement under 37 C.F.R. 1.143 for the reasons given in the following paragraphs.

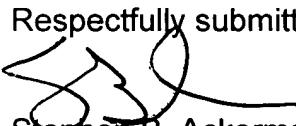
The Examiner is respectfully requested to reconsider the Requirement for Election of Species given in the Office Action, because of the increased costs applicant would be

forced to bear if the two species are separately examined. Furthermore, the field of search must necessarily cover both species, in addition to other related Classes and subclasses, to provide a complete and adequate search.

Withdrawal of the Election of Species Requirement, and allowance of the present Patent Application, is therefore respectfully requested.

Withdrawal of the Restriction Requirement, and allowance of the present Patent Application, is respectfully requested.

It is requested that should there be any problems with this response, please call the undersigned Attorney at (845) 452-5863.

Respectfully submitted,  
  
Stephen B. Ackerman, Reg. No. 37,761

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	
<b>TOTAL AMOUNT OF PAYMENT</b>	( <b>\$</b> ) 110.

**Complete if Known**

Application Number	09/496,364
Filing Date	2/2/00
First Named Inventor	Neter, S.
Examiner Name	T.J. Henn
Art Unit	2612
Attorney Docket No.	DYM00-005
Technology Center 2600	

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FEB 26 2004

**METHOD OF PAYMENT** (check all that apply)
 Check     Credit card     Money Order     Other     None
 Deposit Account:

Deposit Account Number	19-0033
Deposit Account Name	George O. Saile

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below     Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
 **FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

**SUBTOTAL (1) (**\$**)****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			-3** =	X	=

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (**\$**)**

\*\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES****Large Entity**    **Small Entity**

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	110.
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (**\$**) 110.****SUBMITTED BY**

Name (Print/Type).	Stephen B. Ackerman	Registration No. (Attorney/Agent)	37,761	Telephone 845-452-5863
Signature				
Date	Feb. 17, 2004			

(Complete if applicable)

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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